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(54) Title: METHODS AND APPARATUS FOR SYNCHRONIZATION OF TRAINING SEQUENCES

(57) Abstract: A receiver and a method for receiving a signal comprising a carrier modulated with a known training sequence is described in which an estimate a carrier frequency offset is obtained from an autocorrelation signal by autocorrelation of the part of the received signal containing a known training sequence. The received signal is compensated with the frequency offset obtained to form a compensated received signal, and a timing reference for the received signal is obtained by cross-correlation of the compensated received signal with a known training sequence.

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